

20030314.ba v03_n463.bam.20030314

>From ???@??? Fri Mar 14 09:30:32 2003 -0600
Message-Id: <200303141530.h2EFUTJD008588@sco.theporch.com>
Date: Fri, 14 Mar 2003 09:30:18 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3463

BOATANCHORS Digest 3463

Topics covered in this issue include:

- 1) RE: Grey, non-black HRO's ?
by "Richard W. Solomon" <w1ksz@tiac.net>
- 2) RE: Grey, non-black HRO's ?
by "WF2U" <wf2u@starband.net>
- 3) Re: Grey, non-black HRO's ?
by Bob Roehrig <broehrig@aurora.edu>
- 4) Re: Grey, non-black HRO's ?
by "Hue Miller" <kargo_cult@msn.com>
- 5) BC-348 mods & 24V fil string
by scb@hiwaay.net
- 6) Measurements 59LF manual
by "Tom Smith" <tsmith@hal-pc.org>
- 7) Re: BC-348 mods & 24V fil string
by "Hue Miller" <kargo_cult@msn.com>
- 8) Drake RCS-4, Clegg Thor mod. paper bits
by "Hue Miller" <kargo_cult@msn.com>
- 9) RE: BC-348 mods & 24V fil string
by "WF2U" <wf2u@starband.net>
- 10) Re: ***Re: Elmer books
by "Ed Zeranski" <ezeran@concentric.net>
- 11) Re: Hickok TV Tube Test Adaptor 1050-114?
by "Ed Zeranski" <ezeran@concentric.net>
- 12) Re: ***Re: Elmer books
by "ed sharpe" <esharpe@uswest.net>
- 13) Re: ***Re: Elmer books
by "ed sharpe" <esharpe@uswest.net>
- 14) Re: ***Re: Elmer books
by "ed sharpe" <esharpe@uswest.net>
- 15) Re: Hickok TV Tube Test Adaptor 1050-114?
by Edward Knobloch <k4pf@juno.com>
- 16) HP712A p/s - powerstat issue
by Chuck Swiger <cswiger@widomaker.com>
- 17) BA Haunts in Charleston, SC?
by John Poulton <jp@cs.unc.edu>
- 18) Re: BC-348 mods & 24V fil string

by Bob Roehrig <broehrig@aurora.edu>
19) BC 312/342/348
by "Herbert M. Rosenthal" <herbrose@comcast.net>

From: "Richard W. Solomon" <w1kszt@tiac.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Grey, non-black HRO's ?
Date: Thu, 13 Mar 2003 18:56:08 -0500
Message-ID: <LOBBJFMMJJCIMIAGBJLIEIEH0AA.w1kszt@tiac.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The HRO-60 version sold to the public was Grey, as was the HRO-50
I think. Much too pricey for this poor boy from Dorchester back then.
My rcvr was a BC-312 with a Q-5er (BC-453).

73, Dick, W1KSZ

-----Original Message-----

From: owner-boatanchors@theporch.com
[mailto:owner-boatanchors@theporch.com]On Behalf Of Al Klase
Sent: 13 March, 2003 6:53 PM
To: Old Tube Radios
Cc: Old Tube Radios
Subject: Re: Grey, non-black HRO's ?

Hue,

In the dim past I had the wreckage of an HRO in grey.
Pretty sure it was a factory job. had reason to beleive it
was late 30's early 40's vintage. I don't remember much else.

Al

Hue Miller wrote:
..... So where are the grey HROs?
> Were there more than the one used for the photo?
> Hue Miller
>

--
Al Klase - N3FRQ

skywaves@bw.webex.net
Flemington, NJ 08822
Web Page: <http://www.webex.net/~skywaves/home.htm>

From: "WF2U" <wf2u@starband.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Grey, non-black HRO's ?
Date: Thu, 13 Mar 2003 20:04:06 -0500
Message-ID: <NABBLNEJDDKECLKHCAAPGEAOIOAA.wf2u@starband.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a light gray HRO5 type receiver, with a military nomenclature of R-140, with the 6 pin tubes - the light, "battleship" gray is original.

73, Meir WF2U

> -----Original Message-----
> From: owner-boatanchors@theporch.com
> [mailto:owner-boatanchors@theporch.com]On Behalf Of Hue Miller
> Sent: Thursday, March 13, 2003 6:07 PM
> To: Old Tube Radios
> Subject: Re: Grey, non-black HRO's ?
>
>
>
> In several old National catalogs i see the HRO
> but it's in what looks like flat grey paint. Non
> of these grey shots are close-ups however,
> always smaller photos. However, i have
> never seen a grey USA HRO. The only grey
> HROs i have seen are the German copy KST,
> and a Northern Radiotelephone Company
> relabeled HRO Jr., which they named the
> Northern S-20. So where are the grey HROs?
> Were there more than the one used for the photo?
> Hue Miller
>
>
>

Date: Thu, 13 Mar 2003 19:03:26 -0600 (CST)
From: Bob Roehrig <broehrig@aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>

cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Grey, non-black HRO's ?
Message-ID: <Pine.OSF.4.53.0303131900170.386362@mail.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 13 Mar 2003, Hue Miller wrote:

> So where are the grey HROs?
> Were there more than the one used for the photo?
> Hue Miller

My HRO-M is grey. It is a cabinet model and the cabinet is grey also.
I also have a rack mount HRO (not sure of the exact model so I call it a
HRO-5) that is also grey and so are the coil sets.

Bob Roehrig
Aurora University Telecom/IS dept.
broehrig@aurora.edu 73 de K9EUI
630-844-4898 fax 630-844-4222

From: "Hue Miller" <kargo_cult@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Grey, non-black HRO's ?
Date: Thu, 13 Mar 2003 17:00:57 -0800
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Message-ID: <0E160i8TywMfgZUr3Cr0000474f@hotmail.com>

Yes, but the grey one is shown in a pre-WW2,
civilian catalog.
Hue

From: scb@hiwaay.net
To: Old Tube Radios <boatanchors@theporch.com>
Date: Thu, 13 Mar 2003 19:29:52 -0600
MIME-Version: 1.0
Subject: BC-348 mods & 24V fil string
Message-ID: <3E70DC30.18737.2744A3B@localhost>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Greetings Gp;

I *really* like these still-plentiful & elegant examples of wartime engineering. My Belmont 348 was de-mil'ed with creme-de-menth green (?!) panel paint, and knobs & escutcheon frame de-painted to smooth aluminum finish by a very previous owner who was much less fussy abt his under-chassis work. I kept it in it's 'civvies' as I think after-service usage also has some historical interest to amateur radio history. Main work was reducing the rats-nest underneath to something more recognisable as a lightly mod'ed & neatly assembled '348. Love it as a headphone set, the prev owner added 6J5 audio stage (1st thing I removed) to kick it up to speaker level. He also rewired it as a 6V fil string. Too bad, someone on the list mentioned using a power xformer with a 12V winding into a doubling rectifier to keep the string as-is at 24V in. What a great unobtrusive method! One can just make up an AC line PS deck to go straight into the dynamotor compartment without tearing anything else up. Of course, I checked all resistors and replace all paper caps, including the one in the BFO can. Yes, it's 'broad as a barn door', but some of you on 3885 (and the Beeb & other H-Q SW services) never sounded better thru a good set of 'phones. Also, sideband thru this thing can sound like excellent AM, but some of you already know that.

Steve Bringhurst

Message-ID: <006c01c2e9cf\$e6a04380\$2f83b4ce@tsmith>
From: "Tom Smith" <tsmith@hal-pc.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Measurements 59LF manual
Date: Thu, 13 Mar 2003 18:17:44 -0800
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----=_NextPart_000_0069_01C2E98C.D8075E50"

This is a multi-part message in MIME format.

-----=_NextPart_000_0069_01C2E98C.D8075E50
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Does anyone have or know where I might get a copy of the Measurements =
Corp 59LF GDO. Any info would be greatly appreciated.

Thanks,
Tom N5AMA

tsmith@hal-pc.org
-----=_NextPart_000_0069_01C2E98C.D8075E50
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

-----=_NextPart_000_0069_01C2E98C.D8075E50--

From: "Hue Miller" <kargo_cult@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: BC-348 mods & 24V fil string
Date: Thu, 13 Mar 2003 18:21:19 -0800
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Message-ID: <0E143zni5rWqBsJFH0d00004147@hotmail.com>

----- Original Message -----

From: Steve Bringhurst

> My Belmont 348 was de-mil'ed with creme-de-menth green (!) panel paint,
> and knobs & escucheon frame de-painted to smooth aluminum finish

This has to be one of the weirdest! De-painted to bare
aluminum...what a lot of work!

> Yes, it's 'broad as a barn door',

I have wondered if putting a box on the dynamotor
mount (dyno already gone), with a cascade of high
Q "loopstick" type coils, shielded and capacitively
coupled, or just placed near each other, in a row,
with about 4 or 5, each having a Q of 300+. This
right after the mixer stage at 915 kcs.

Or (just theoretically) - removing one pi of the
overcoupled last IF transformer, increasing the
capacity to compensate, and having a more normal
last IF stage selectivity.
I do not like the Q5er option, an external unrelated
box cobbled to the 348.

Regards, Hue

From: "Hue Miller" <kargo_cult@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Drake RCS-4, Clegg Thor mod. paper bits
Date: Thu, 13 Mar 2003 18:26:26 -0800
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Message-ID: <0E88ChWpoQ6Mb5fVk0400004998@hotmail.com>

Drake RCS-4, 1 page Drake advertising sheet

Clegg Thor modulator and PS (only) schematic

These papers are available free. If they are of use to you, reply with pmail address in first reply. No address in your first note, forget it.
Hue Miller

From: "WF2U" <wf2u@starband.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: BC-348 mods & 24V fil string
Date: Thu, 13 Mar 2003 21:52:11 -0500
Message-ID: <NABBLNEJDDKECLKHCAAPKEBBIOAA.wf2u@starband.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

When I was young and stupid, and didn't yet consider WW2 surplus as irreplaceable treasure to be kept and cherished intact, unmodified, in "as issued" condition, I modified a few BC-348's by retuning the BFO 85 KHz below the 915 KHz IF, left only the mixer and first 915 KHz IF transformer, modified the first IF amplifier to a mixer, fed it from the retuned BFO to get the 85 KHz second IF frequency, which I further amplified by replacing the original 915 KHz IF cans with the 85 KHz IF transformers from a BC-453 (command set) receiver. I pulled the coupling control rods in these transformers to the maximum selectivity position. Added a product detector, with BFO using the 85 KHz BFO coil from the BC-453 and wired up the then popular audio "hang" AGC. I changed all the tubes to miniature types. I remember I used a 6AQ5 for the audio output. These (in my mindset today, butchered) double-conversion BC-348/453 receivers worked very well and in fact I sold a few of these to some other ham friends in school who were on a tight, "surplus" budget...

73, meir WF2U

> -----Original Message-----

> From: owner-boatanchors@theporch.com

> [mailto:owner-boatanchors@theporch.com]On Behalf Of Hue Miller

> Sent: Thursday, March 13, 2003 9:21 PM

> To: Old Tube Radios

> Subject: Re: BC-348 mods & 24V fil string

>

>

>

>

> ----- Original Message -----

> From: Steve Bringhurst

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> box cobbled to the 348.

> Regards, Hue

>

>

>

Message-ID: <00c201c2e9d6\$30e7b580\$f688dd40@ejzlt>

From: "Ed Zeranski" <ezeran@concentric.net>

To: Old Tube Radios <boatanchors@theporch.com>

Cc: <boatanchors@sco.theporch.com>

Subject: Re: ***Re: Elmer books
Date: Thu, 13 Mar 2003 19:02:44 -0800
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Subject: Re: ***Re: Elmer books

> Hello Ed, Andy & Gang,
>
> Speaking of Ghirardi, we used it as our textbook at the Signal Corps
> Radio School conducted at MS State College, Starkville, MS during
> WW2.....
I seemed to remember finding information on maintaining
"optimum L/C ratio"

I can dig out my books then post a copy of the graph if folks have server space.

Message-ID: <00cb01c2e9d6\$fc38f6e0\$f688dd40@ejzlt>
From: "Ed Zeranski" <ezeran@concentric.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Hickok TV Tube Test Adaptor 1050-114?
Date: Thu, 13 Mar 2003 19:08:26 -0800
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>
> Found yesterday in a generic brown tube box hand lettered "Hickok - TV
Tube
> Test Jumper RM56 Shop-E".

I have Hickock the 600/800 tester, accessories, and paperwork. If somebody has server space I will gladly scan then fwd the info. Some is for the crt cathode-fillament short burner as well as the crt plug in tester. Wasn't there a 'Redneck Nolan' website addressing this stuff???

Date: Thu, 13 Mar 2003 20:07:52 -0700
Message-ID: <000c01c2e9d6\$e7aec920\$0100a8c0@SONYDIGITALED>
From: "ed sharpe" <esharpe@uswest.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@sco.theporch.com

Subject: Re: ***Re: Elmer books
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

we probably have an extra Ghirardi for trade!

Thanks Ed Sharpe archivist for SMECC

Please check our web site at
<http://www.smecc.org>
to see other engineering fields, communications and computation stuff we
buy, and by all means when in Arizona drop in and see us.

address:

coury house / smecc
5802 w palmaire ave
glendale az 85301

----- Original Message -----

From: "Kenneth Hickman" <n5cm@rtconline.com>
To: "Old Tube Radios" <boatanchors@theporch.com>
Cc: <boatanchors@sco.theporch.com>
Sent: Wednesday, March 12, 2003 6:06 AM
Subject: Re: ***Re: Elmer books

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> Radio School conducted at MS State College, Starkville, MS during
> WW2. I seemed to remember finding information on maintaining
> "optimum L/C ratio" thruout a tankcircuit tuning range....
> If anyone has a chart giving the correct value of C for a given value of L
> I would like a copy....
> My copy of Ghirardi has been packed away for decades; I don't have
> any idea where!
> I remember someone mentioning that there was a tankcircuit available
> way back but no other info....If anyone has one, for low powered rig,
> and are willing to part with it, I'm interested....

>
> Thanks, Ken....N5CM....NNN0FKQ....

>

> ----- Original Message -----

> From: "Andy Wallace" <wallace@world.std.com>
> To: "Old Tube Radios" <boatanchors@theporch.com>
> Cc: <boatanchors@sco.theporch.com>
> Sent: Tuesday, March 11, 2003 8:12 PM
> Subject: Re: ***Re: Elmer books
>
>
> > Hello, "Ed Zeranski" <ezeran@concentric.net>!
> >
> > >First was Ghardis Radio Physics Course and his radio trouble
> > >shooting book, Markus radio theory and troubleshooting books
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> > Ghirardi, yes, I have one of his. And an excellent one was Marcus and
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> > wallace@theworld.com
> >
>
>
>

Date: Thu, 13 Mar 2003 20:08:56 -0700
Message-ID: <001101c2e9d7\$0dba2a60\$0100a8c0@SONYDIGITALEd>
From: "ed sharpe" <esharpe@uswest.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@sco.theporch.com
Subject: Re: ***Re: Elmer books
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

scan it and I can add it to the smecc website if you like!

Thanks Ed Sharpe archivist for SMECC

Please check our web site at

<http://www.smecc.org>
to see other engineering fields, communications and computation stuff we
buy, and by all means when in Arizona drop in and see us.

address:

coury house / smecc
5802 w palmaire ave
glendale az 85301

----- Original Message -----

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To: "Old Tube Radios" <boatanchors@theporch.com>
Cc: <boatanchors@sco.theporch.com>
Sent: Thursday, March 13, 2003 8:02 PM
Subject: Re: ***Re: Elmer books

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Date: Thu, 13 Mar 2003 21:00:39 -0700
Message-ID: <00a801c2e9de\$4771ff60\$0100a8c0@SONYDIGITALED>
From: "ed sharpe" <esharpe@uswest.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@sco.theporch.com
Subject: Re: ***Re: Elmer books
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

pdf is fine... send to info@smecc.org

tiff file is ok too

ed sharpe

----- Original Message -----

From: "ed sharpe" <esharpe@uswest.net>

To: "Old Tube Radios" <boatanchors@theporch.com>

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> 5802 w palmaire ave

> glendale az 85301

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> To: "Old Tube Radios" <boatanchors@theporch.com>

> Cc: <boatanchors@sco.theporch.com>

> Sent: Wednesday, March 12, 2003 6:06 AM

> Subject: Re: ***Re: Elmer books

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> >
> > ----- Original Message -----
> > From: "Andy Wallace" <wallace@world.std.com>
> > To: "Old Tube Radios" <boatanchors@theporch.com>
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To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Date: Fri, 14 Mar 2003 00:32:11 -0500
Subject: Re: Hickok TV Tube Test Adaptor 1050-114?

Message-ID: <20030314.003211.372.4.k4pf@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
From: Edward Knobloch <k4pf@juno.com>

"Ed Zeranski" <ezeran@concentric.net> writes:

> I have Hickock the 600/800 tester, accessories, and paperwork.
 <snip>... the crt
> cathode-fillament short burner as well as the crt plug in tester.
> Wasn't there a 'Redneck Nolan' website addressing this stuff???

You're thinking of Nolan E. Lee's site, he is heavily into tube tester
lore:
<http://www.acadiacom.net/nlee/>

73,
Ed k4pf@juno.com

Message-Id: <4.3.1.1.20030314081508.00aefaf0@wilma.widomaker.com>
Date: Fri, 14 Mar 2003 08:29:52 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Chuck Swiger <cswiger@widomaker.com>
Subject: HP712A p/s - powerstat issue
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang -

I've started troubleshooting in anger, armed w/ schematic, this explosive hp712a power supply. Here's something I didn't expect, and it's not the Spanish Inquisition: the powerstat has no control over the HV transformer sec'd'y voltage. It's always full blast on no matter where I turn it, and that's over 1000vac from one end just to the center tap. I removed the powerstat (and cleaned the pot it's coupled to while in there) and it works fine on the bench - 110vac goes across the coil, and pickup from one end of the coil to the slider/wiper, continuously adjustable from 25vac at the lower stop up to 110vac at the other end of travel. Put it back in the chassis and still measure 1000vac on the hv sec'd'y no matter what the powerstat does - but it will occasionally make a tiny 'snap' and the meter will drop as you jiggle it around. Will have to scrutinize that phenomena a little closer. The hv primary connects to one end of the powerstat and the slider,
a 3 wire autotransformer. None of the 3 connections is shorted to chassis ground.

--Chuck

Date: Fri, 14 Mar 2003 08:34:03 -0500 (EST)
From: John Poulton <jp@cs.unc.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BA Haunts in Charleston, SC?
Message-ID: <Pine.GS0.4.10.10303140832030.24437-1000000@capefear.cs.unc.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Will be spending Saturday in Charleston while the XYL is doing horsey things. Are there any haunts or other BA-related sights I should take in (other than Patriot's Point, of course!)?

73,
John KF40ZY

Date: Fri, 14 Mar 2003 08:30:17 -0600 (CST)
From: Bob Roehrig <broehrig@aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: BC-348 mods & 24V fil string
Message-ID: <Pine.OSF.4.53.0303140818570.510869@mail.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 13 Mar 2003 scb@hiwaay.net wrote:

> someone on the list mentioned using a power xformer
> with a 12V winding into a doubling rectifier to keep the string as-is at 24V in.
> What a great unobtrusive method! One can just make up an AC line PS deck
> to go straight into the dynamotor compartment without tearing anything else
> up.

That would be a lot of work to do properly. For the space taken up by the components to build an adequate doubler, you might just as well add another transformer. If you use one of the "standard" transformers you can series the 5 and 6.3V windings, then add another 12V transformer in series with that.

Bob Roehrig
Aurora University Telecom/IS dept.
broehrig@aurora.edu 73 de K9EUI
630-844-4898 fax 630-844-4222

Date: Fri, 14 Mar 2003 08:31:31 -0700
From: "Herbert M. Rosenthal" <herbrose@comcast.net>
Subject: BC 312/342/348
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <3E71F5C6.CC385BC@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

My BC 312 came to me in 1946 from the Reconstruction Finance Corporation*, in a hugh pine box. \$35 plus shipping (Railway Express-remember the green trucks?) I do believe the box weighed much more than the receiver. Complete with hinges, a hasp; screwed, not nailed together. I was 16 and this was a lot of bucks then. Father helped, of course.

I am now looking at the 1948 Editors & Engineers "Surplus Radio Conversion Manual Volume 1," wherein are described the mods of my childhood:

- a. Modification for RF stages (includes separating the rf and af gain controls)
- b. Modifying the crystal filter
- c. Backlash improvement
- d.Reducing the audio hum level
- e. Send-receive switch
- f. Improvement for the audio section
- g. Additional circuit refinements
- h. Optional refinements and suggestions

CQ also had tons of mods. I believe the last mod I did was to replace the front end tube with a small, octal doorknob (don't remember the number.) It was supposed to be a 6AK5 basing, but higher gm. I remember it was silvered completely inside the glass (for shielding?)

If anyone is interested in these pages, I'll gladly do the KINKO thing... better than scanning and posting.. these articles make great bedtime reading. About 16 pages. Let me know directly, please.

Herb Rosenthal W5AN
herbrose@comcast.net

* The RFC was established to dispose of WWII surplus.

End of BOATANCHORS Digest 3463
